

## REMARKS

The Office Action mailed July 11, 2006, has been carefully considered. In response thereto, the present application has been amended in a manner which is believed to place it into condition for allowance. Accordingly, reconsideration and withdrawal of the outstanding Office Action and issuance of a Notice of Allowance are respectfully solicited in view of the foregoing amendments and the following remarks.

The Applicants respectfully submit that the present Amendment overcomes the claim objections and the rejection of claims 1, 11, 15-16, 18 and 23 under 35 U.S.C. § 112, second paragraph, and that the replacement Fig. 1 submitted herewith overcomes the objection to the drawings.

The Applicants further submit that the present Amendment overcomes the rejection of claims 1-20 and 23-28 under 35 U.S.C. § 101. As agreed during the interview, the recitation of displaying constitutes a useful, concrete, and tangible result that renders the invention patentable under 35 U.S.C. § 101.

Finally, the Applicants respectfully submit that the present Amendment overcomes the rejection of claims 1-21 and 23-28 under 35 U.S.C. § 103(a) over *Cappi* in view of *Chappell*.

In the present claimed invention, the selected data from the plurality of information databases are semantically normalized in the data repository and are manipulated in the data repository to speed querying in the data repository relative to the plurality of information databases. Neither of the applied references teaches or suggests any such thing. Therefore, those limitations would have been absent from the combination of references proposed in the Office Action.

The present claimed invention has at least three distinct benefits. The first is that there is an additional transformation stage that allows information to be semantically normalized in the abstract representation so as to allow for more direct comparison and so as to allow error checking to improve consistency. Second, the structure and scope of the abstract data can be manipulated independently of the original data so as to allow query optimization. This also allows for a massive reduction in the scope of data. Third, the abstracted data can therefore be searched independently of the original primary data sources, so as to allow, for example, searching of the system without access to a network (for example on an aircraft).

During the interview, the Examiner pointed to teaching in *Chappell* on page 254 for teaching to implement a Select method in a DataTable, in which data in the DataTable can be searched. However, merely searching a DataTable does not amount to the semantic normalization and manipulation described above and recited in the present claims. Therefore, the proposed combination of references would not have resulted in, taught, or suggested the present claimed invention, nor would such a combination have rendered obvious the advantages offered by the present claimed invention.

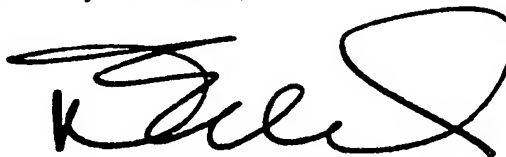
In light of the above, the Applicants respectfully submit that the application is in condition for allowance. Notice of such allowance is earnestly solicited.

If there remain any issues that can be overcome most easily through a telephonic interview, the Examiner is invited to telephone the undersigned at the telephone number set forth below.

Please charge any deficiency in fees, or credit any overpayment thereof, to BLANK ROME LLP, Deposit Account No. 23-2185 (000131-0019). If an extension of time is required to render this submission timely and either is not filed concurrently herewith or is insufficient to

render this submission timely, the Applicants hereby petition under 37 C.F.R. § 1.136(a) for such an extension for as many months as are required to render this submission timely. Any fee due is authorized above.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'David J. Edmondson', written over a horizontal line.

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